

**Form PTO-1449** (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DOCKET NO: 5937-00204

APPLICANT: Lin et al.

FILING DATE: June 27, 2003

SERIAL NO: 10/607,023

GROUP: 1755

CONF. NO.: 5563

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	3679360	1972-07-25	Rubin et al.			
	A2	5342441	1994-08-30	Mandai et al.			
	A3	5536575	1996-07-16	Imura et al.			
	A4	5569490	1996-10-29	Imura et al.			
	A5	5652016	1997-07-29	Shiro et al.			
	A6	6325987	2001-04-29	Sapieszko et al.			
	A7	5149368	22-Sep-1992	Liu et al.			
	A8	5180426	19-Jan-1993	Sumita			
	A9	5503164	2-Apr-1996	Friedman			
	A10	5814681	29-Sep-1998	Hino et al.			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION. YES/NO
							Abstract

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

C	C1	Sugawara et al., "Calcium Phosphate Cement: An In Vitro study of Dentin Hypersensitivity", The Journal of the Japanese Society for Dental Materials and Devices, 1989, Vol. 8, pp. 282-294.
C	C2	Pickel et al., "The Effect of a Chewing Gum Containing Dicalcium Phosphate on Salivary Calcium and Phosphate", Ala. J. Med. Sci. 1965, Vol. 2, pp. 286-287.
C	C3	Matsuya et al., "Effects of pH on the Reactions of Tetracalcium Phosphate and Dicalcium Phosphate", IADR Abstract 1991.

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DATE CONSIDERED: ~~6/24/05~~ 4/24/05

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U.S. PATENT DOCUMENTS						
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS SUB CLASS	FILING DATE IF APPROPRIATE
Q	C4	Sugawara et al., "Formation of Hydroxyapatite in Hydrogels from Tetracalcium Phosphate/Dicalcium Phosphate Mixtures," J. Nihon. Univ. Sch. Dent., 1989, Vol. 31, pp 372-381.				
Q	C5	Hong et al., "The Periapical Tissue Reactions to a Calcium Phosphate Cement in the Teeth of Monkeys," J Biomed Mater Res. April 1991, Vol. 25(4), pp. 485-98.				
Q	C6	DeRijk, et al., "Clinical Evaluation of a Hydroxyapatite Precipitate for the Treatment of Dentinal Hypersensitivity, Biomedical Engineering v. Recent Developments," Proc of 5th Southern Biomedical Engineering Conference, 1986, pp. 336-339. (Pergamon Press, New York)				
Q	C7	Groninger et al. "Evaluation of the Biocompatibility of a New Calcium Phosphate Setting Cement," J. Dent Res. 1984, 63 Abst. No. 270 (4 pages).				
Q	C8	Costantino et al., "Evaluation of a New Hydroxyapatite Cement: Part III, Cranioplasty in a Cat Model, The Fifth Intl. Symposium on Facial Plastic Reconstructive Surgery of the Head and Neck, Toronto, Canada 1989. (18 pages)				
Q	C9	Shindo, et al., "Facial Skeletal Augmentation Using Hydroxyapatite Cement," Arch. Otolaryngol. Head Neck Surg. 1993, Vol. 119, pp. 185-190.				
Q	C10	Briner et al., "Significance of Enamel Remineralization", J. Dent. Res. 1974, Vol. 53, pp. 239-243.				
Q	C11	Silverstone, "Remineralization Phenomena", Caries Res. 1977, Vol. 11 (Supp. 1), pp. 59-84.				
Q	C12	Costantino et al., "Hydroxyapatite Cement--Basic Chemistry and Histologic Properties," Arch. of Otolaryngology--Head & Neck Surgery, 1991, Vol. 117, pp. 379-394.				
Q	C13	Friedman et al., "Hydroxyapatite Cement II. Obliteration and Reconstruction of the Cat Frontal Sinus," Arch. of Otolaryngology--Head & Neck Surgery, 1991, Vol. 117, pp. 385-389.				
Q	C14	Costantino et al., "Experimental Hydroxyapatite Cement Cranioplasty," Plastic and Reconstructive Surgery, 1992, Vol. 90, No. 2, pp. 174-185.				
Q	C15	Miyazaki et al., "An Infrared Spectroscopic Study of Cement Formation of Polymeric Calcium Phosphate Cement," Jour of the Jap. Society for Dent Mats & Devices, 1992, Vol. II, No. 2. (8 pages).				
Q	C16	Driskell et al., "Development of Ceramic and Ceramic Composite Devices for Maxillofacial Applications", J. Biomed. Mat. Res. 1972, Vol. 6, pp. 345-361.				
Q	C17	Hiatt et al., "Root Preparation I. Obduction of Dentinal Tubules in Treatment of Root Hypersensitivity", J. Periodontal, 1972, Vol. 43, pp. 373-380.				
Q	C18	Patel et al., "Solubility of $\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$ in the Quaternary System $\text{Ca}(\text{OH})_2$ -- H_3PO_4 -- NaCl -- H_2O at 25 °C.," J. Res. Nat. Bur. Stands. 1974, Vol. 78A, pp. 675-681.				
Q	C19	Salyer et al., "Porous Hydroxyapatite as an Onlay Bone-Graft Substitute for Maxillofacial Surgery," Presented at the 54 th Annual Scientific Meeting of the American Society of Plastic and Reconstructive Surgeons, Kansas City, Missouri, 1985, pp. 236-244.				
Q	C20	Kenney et al., "The Use of a Porous Hydroxyapatite Implant in Periodontal Defects," J. Periodontal, 1988, pp. 67-72.				
Q	C21	Zide et al., "Hydroxyapatite Cranioplasty Directly Over Dura," J. Oral Maxillofac Surg. 1987, Vol 45, pp. 481-486.				
Q	C22	Waite, et al., "Zygomatic Augmentation with Hydroxyapatite," J. Oral Maxillofac Surg 1986, pp. 349-352.				

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Information Disclosure Statement--PTO 1449 (modified)

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U.S. PATENT DOCUMENTS							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
G	C23	Verwoerd, et al. "Porous Hydroxyapatite-perichondrium Graft in Cricoid Reconstruction, Acta Otolaryngol" 1987, Vol. 103, pp. 496-502.					
G	C24	Grote, "Tympanoplasty With Calcium Phosphate," Arch Otolaryngology 1984, Vol. 110, pp. 197-199.					
C	C25	Kent et al., "Alveolar Ridge Augmentation Using Nonresorbable Hydroxyapatite with or without Autogenous Cancellous Bone," J. Oral Maxillofac Surg 1983, Vol. 41, pp. 629-642.					
G	C26	Piecuch, "Augmentation of the Atrophic Edentulous Ridge with Porus Replamineform Hydroxyapatite (Interpore-200)", Dental Clinics of North America 1985, Vol. 30(2), pp. 291-305.					
G	C27	Misch, "Maxillary Sinus Augmentation for Endosteal Implants: Organized Alternative Treatment Plans," Int J Oral Implant 1987, Vol. 4(2), pp. 49-58.					
G	C28	Chohayeb, A. A. et al., "Evaluation of Calcium Phosphate as a Root Canal Sealer-Filler Material," J Endod 1987, Vol. 13, pp. 384-386.					
G	C29	Brown et al., "Crystallography of Tetracalcium Phosphate," Journal of Research of the National Bureau of Standards. A. Physics and Chemistry. 1965, Vol. 69A, pp. 547-551.					
G	C30	Sanin et al. "Particle Size Effects on pH and Strength of Calcium Phosphate Cement," IADR Abstract 1991.					
G	C31	Chow et al., "X-ray Diffraction and Electron Microscopic Characterization of Calcium Phosphate Cement Setting Reactions," IADR Abstract, 1987. (1 page)					
G	C32	Block et al. "Correction of Vertical Orbital Dystopia with a Hydroxyapatite Orbital Floor Graft," J. Oral Maxillofac Surg 1988, Vol. 46, pp. 420-425.					
G	C33	Brown, "Solubilities of Phosphates and Other Sparingly Soluble Compounds", Environmental Phosphorous Handbook 1973, pp. 203-239. (John Wiley & Sons, New York)					
G	C35	Gregory et al., "Solubility of $\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$ in the System $\text{Ca}(\text{OH})_2$ -- H_3PO_4 -- H_2O at 5, 15, 25, and 37.5 °C.," J. Res. Nat. Bur. Stand. 1970, Vol 74A, pp. 461-475.					
G	C36	Gregory et al., "Solubility of β - $\text{Ca}_3(\text{PO}_4)_2$ in the System $\text{Ca}(\text{OH})_2$ -- H_3PO_4 -- H_2O at 5, 15, 25 and 37° C.," J. Res. Nat. Bur. Stand., 1974, Vol. 78A, pp. 667-674.					
G	C37	McDowell et al., "Solubility of β - $\text{Ca}_3(\text{PO}_4)_2$ in the System $\text{Ca}(\text{OH})_2$ -- H_3PO_4 -- H_2O at 5, 15, 25 and 37 °C.," J. Res. Nat. Bur. Stand. 1977, Vol. 91A, pp. 273-281.					
G	C38	McDowell et al., "Solubility Study of Calcium Hydrogen Phosphate. Ion Pair Formation," Inorg. Chem. 1971, Vol. 10, pp. 1638-1643.					
G	C39	Moreno et al., "Stability of Dicalcium Phosphate Dihydrate in Aqueous Solutions and Solubility of Octocalcium Phosphate," Soil Sci. Soc. Am. Proc. 1960, Vol 21, pp. 99-102.					
G	C40	Chow et al, "Self-Setting Calcium Phosphate Cements," Mat. Res. Soc. Symp. Proc. pp. 3-23.					
G	C41	Miyazaki et al., "Chemical Change of Hardened PCA/CPC Cements in Various Storing Solutions", The Journal of the Japanese Soc. for Dental Materials and Devices, 1992, Vol. 11, No. 2.					
G	C42	Fukase et al, "Thermal Conductivity of Calcium Phosphate Cement", IADR Abstract, 1990 (1 page).					
G	C43	Sugawara et al. "Biocompatibility and Osteoconductivity of Calcium Phosphate Cement", IADR Abstract 1990. (1 page)					

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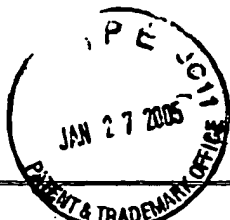
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EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
B	C44	Miyazaki et al., "Polymeric Calcium Phosphate Cements", IADR Abstract 1990. (1 page).					
B	C45	Link et al., "Composite of Calcium Phosphate Cement and Genetically Engineered Protein Bioadhesive," IADR Abstract 1991. (1 page)					
B	C46	Matsuya et al., "Effects of pH on the Reactions of Tetracalcium Phosphate and Dicalcium Phosphate", IADR Abstract 1991. (1 page).					
B	C47	Briner et al., "Significance of Enamel Remineralization", J. Dent. Res. 1974, Vol. 53, pp. 239-243.					
B	C48	Chow, "Development of Self-Setting Calcium Phosphate Cements", Journal of The Ceramic Society of Japan, 1991, Vol. 99 [10], pp. 954-964.					
B	C49	Brown et al., A New Calcium Phosphate, Water Setting Cement, Cements Research Progress 1986, P. W. Brown, Ed., Westerville, Ohio: American Ceramic Society, 1988, pp. 352-379.					
B	C50	Sugawara et al., "Evaluation of Calcium Phosphate as a Root Canal Sealer-Filler Material" IADR/AADR Abstract, 1987, (3 pages).					
B	C51	Sugawara et al., "In Vitro Evaluation of the Sealing Ability of a Calcium Phosphate Cement When Used as a Root Canal Sealer Filler," J. Endodontics, 1989, Vol 16, pp 162-165.					
B	C52	Chow, "Calcium Phosphate Materials: Reactor Response" Adv Dent Res 1988, Vol 2(1), pp. 181-184.					
B	C53	Fukase et al., "Setting Reactions and Compressive Strengths of Calcium Phosphate Cements", J Dent Res 1990, Vol 69(12), pp. 1852-1856.					
B	C54	Miyazaki et al., "Chemical Change of Hardened PCA/CPC Cements in Various Storing Solutions", The Journal of the Japanese Soc. for Dental Materials and Devices, 1992, Vol. 11, No. 2, pp.48-64.					
	C55	U.S. Patent and Trademark Office, "Office communication" for U.S. Application Serial No. 10/944,278 mailed February 22, 2005 (8 pages).					
	C56	Claims from Co-Pending United States patent Appl. Ser. No. 10/773,701, 3 pages					
	C57	Claims from Co-Pending United States patent Appl. Ser. No. 10/944,278, 3 pages					
	C58	Claims from Co-Pending United States patent Appl. Ser. No. 10/940,922, 4 pages					
	C59	Claims from Co-Pending United States patent Appl. Ser. No. 10/633,511, 5 pages					
	C60	Claims from Co-Pending United States patent Appl. Ser. No. 10/780,728, 6 pages					
	C61	Claims from Co-Pending United States patent Appl. Ser. No. 10/852,167, 7 pages					
	C62	Claims from Co-Pending United States patent Appl. Ser. No. 10/982,660, 3 pages					
	C63	Claims from Co-Pending United States patent Appl. Ser. No. 10/145,901, 3 pages					

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B	A1	06-228011	16-Aug-1994	JP			Abstract
0	A2	WO 03/055418	10-Jul-2003	PCT			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	B1	PCT/US04/11637 International Search Report/Written Opinion, 14-Oct-2004, 9 pages
	B2	09/615,384 Office Action, 16-Jan-2003, Examiner Koslow, 7 pages.
	B3	09/615,384 Office Action, 22-Mar-2002, Examiner Koslow, 8 pages.
	B4	09/615,384 Office Action, 18-Oct-2001, Examiner Koslow, 7 pages.
	B5	10/328,019 Office Action, 25-Feb-2004, Examiner Koslow, 7 pages.
	B6	10/414,582 Office Action, 17-Jun-2004, Examiner Koslow, 6 pages.
	B7	10/607,023 Office Action, 28-Jul-2004, Examiner Koslow, 6 pages.

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